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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: McDonald

Serial No.: 10/085,421

Filed: 2/28/02

Group Art Unit: 2856

Examiner: M. Cygan

Title: HEATED STAINLESS STEEL EMISSIONS CANISTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Revised Amendment After Final**

Dear Sir:

This is in response to the Advisory Action mailed December 20, 2004. Please amend the application as follows:

**CERTIFICATE OF MAIL**

I hereby certify that the enclosed Revised Amendment After Final and Renewed Petition Under 37 CFR 1.137(B) are being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 27, 2005.

Lesley Upton  
Lesley Upton

Entered And  
MTC  
67,023-008 06/06/08

Amendments to Claims:

This listing of claims will replace all prior revisions, and listings, of claims in the application:

Listing of Claims:

1.-4. (Cancelled)

5. (Currently Amended) [The system according to claim 3,] An exhaust gas measurement system comprising:

a probe defining a sample exhaust gas passageway for collecting exhaust gas;

a stainless steel canister fluidly connected to said probe for storing the exhaust gas;

a pump fluidly interconnected between said probe and said canister for transferring the exhaust gas from said probe to said canister;

a pressure mass flow controller fluidly interconnected between said probe and said canister producing a exhaust gas flow measurement corresponding to the flow of the exhaust gas from said probe to said canister;

a temperature sensor for sensing a temperature of the exhaust gas proximate to said pressure mass flow controller, said temperature sensor correcting said exhaust gas flow measurement based upon said temperature;